

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/588, 043
Source: IFWP
Date Processed by STIC: 08/10/2006

ENTERED



IFWP

RAW SEQUENCE LISTING

DATE: 08/10/2006

PATENT APPLICATION: US/10/588,043

TIME: 11:06:37

Input Set : A:\10457055.APP

Output Set : N:\CRF4\08102006\J588043.raw

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3 <110> APPLICANT: UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INC.
5 <120> TITLE OF INVENTION: INCREASED STRESS TOLERANCE AND ENHANCED YIELD IN PLANTS
7 <130> FILE REFERENCE: 10457-055PCT
C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/588,043
C--> 10 <141> CURRENT FILING DATE: 2006-08-01
12 <150> PRIOR APPLICATION NUMBER: 60/554,041
13 <151> PRIOR FILING DATE: 2004-03-17
15 <160> NUMBER OF SEQ ID NOS: 6
17 <170> SOFTWARE: PatentIn Ver. 3.3
19 <210> SEQ ID NO: 1
20 <211> LENGTH: 381
21 <212> TYPE: DNA
22 <213> ORGANISM: Escherichia coli
24 <400> SEQUENCE: 1
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27 aacgaagcca ttgatattct gaatgtcacc aacggcaagc gtttctccac ttatgccatc 180
28 gcggcagaac gcggttcgag aattatttct gttaacggtg cggcggccca ctgcgccagt 240
29 gtccgcgata ttgtcatcat cgccagcttc gttaccatgc cagatgaaga agctcgcacc 300
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35 <211> LENGTH: 126
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37 <213> ORGANISM: Escherichia coli
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41 1 5 10 15
43 His Ala Asp Leu His Tyr Glu Gly Ser Cys Ala Ile Asp Gln Asp Phe
44 20 25 30
46 Leu Asp Ala Ala Gly Ile Leu Glu Asn Glu Ala Ile Asp Ile Trp Asn
47 35 40 45
49 Val Thr Asn Gly Lys Arg Phe Ser Thr Tyr Ala Ile Ala Ala Glu Arg
50 50 55 60
52 Gly Ser Arg Ile Ile Ser Val Asn Gly Ala Ala His Cys Ala Ser
53 65 70 75 80
55 Val Gly Asp Ile Val Ile Ile Ala Ser Phe Val Thr Met Pro Asp Glu
56 85 90 95
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59 100 105 110
61 Glu Met Lys Arg Thr Ala Lys Ala Ile Pro Val Gln Val Ala
62 115 120 125
65 <210> SEQ ID NO: 3

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66 <211> LENGTH: 27
67 <212> TYPE: DNA
68 <213> ORGANISM: Artificial Sequence
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71 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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75 ccgagctcga cagggtagaa aggtaga 27
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81 <213> ORGANISM: Artificial Sequence
83 <220> FEATURE:
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87 <400> SEQUENCE: 4
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111 primer
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VERIFICATION SUMMARY

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L:9 M:270 C: Current Application Number differs, Replaced Current Application Number

- L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date